HEAD OFFICE
Uttarakhand Pollution Control Board
"Gauri Devi Prayavaran Bhawan''
46B, I.T. Park, Sahastradhara Road, Dehra Dun

UKPCB/HO/Gen-476(Vol-II)/ 4940-998 **Date: .11.2020**
01/12/2020

To,

Executive Director (Tech),
NMCG (National Mission for Clean Ganga),
Water Resources, River Development & Ganga Rejuvenation,
Ministry of Jal Shakti,
1st floor, Major Dhyanchandd National Statidum,
India Gate, New Delhi-110002.

Sub: Monthly Progress Report (October, 2020) in matter of O.A. no. 673/2018, Rejuvenation of River as per Hon'ble National Green Tribunal order dated 20.09.2018, 19.12.2018, 08.04.2019-reg.

Sir,

Please find the enclosed herewith a copy of monthly progress report in revised format for the month of October, 2020 for your kind perusal.

The soft copy of Monthly progress report is also sent to mail id ruby.raju@nmcg.nic.in, drpravin@nmcg.nic.in/multiyarpk@gmail.com.

Enclosed:- As above.

Your's faithfully

(S.P. Subudhi) I.F.S.
Member Secretary

Copy to: 1. Pricipal Secretary, Forest and Enviornment, Govt. of Uttrakhand/Chairman, River Rejuvenation Committee for kind information please.
2. Staff Officer, Chief Secretary, Uttrakhand Secretratiate/ Member Secretary, Environment Monitoring Cell for kind information and necessary action please.

Member Secretary

National Mission for Clean Ganga

Format for submission of Monthly Progress Report in the NGT matter OANo. 673 of 2018 (in compliance to NGT order dated 24.09.2020)For the State of Uttarakhand (October 2020)

Overall status of the State:

I.	Total Population (2011)	1,00,86,292
		Urban-30,49,338
		Rural-70,36,954
II.	Estimated Sewage Generation (MLD) (2011)	Urban- 329.32 MLD, Rural-225.18 MLD (Taking Rate of Water Supply for Urban @ 135 Lpcd& Rural @ 40 Lpcd)

III.Details of Sewage Treatment Plant:

•	Existing no. of STPs and Treatment Capacity (in MLD)	61 STPs of 379.00 MLD capacity
•	Capacity Utilization of existing STPs	227.50 MLD
•	MLD of sewage being treated through Alternate technology	165 MLD Through Septic tank and Soak pit.
•	Gap in Treatment Capacity in MLD	165.0 MLD
•	No. Of Operational STPs	61
•	No. of Complying STP's	57 (Two STP is non-operational due to damage of connectivity and at Rudarprayag and Bhagirathipuram Tehri)
•	No. of Non-complying STP's	04

Details of each existing STP in the State

No.	Location	Existing STP Capacity(MLD)	Capacity Being Utilized (MLD)	Operational Status of STP	Compliance Status of STP
1	Badrinath (BamniGaon) District- Chamoli	0.26	0.05	Operational	complying
2	Badrinath (Near Temple) District- Chamoli	0.01	0.01	Operational	complying
3	Badrinath (Near suspension Bridge)District Chamoli	1.00	0.20	Operational	complying
4	Joshimath (Pokhri)Badrinath District-Chamoli	1.08	0.421	Operational	complying
5	Gopeshwar (ChamoliGhat) District-Chamoli	0.76	0.05	Operational	complying
6	Gopeshwar (Near Suspension ridge)District Chamoli	0.05	0.007	Operational	complying
7	Gopeshwar (Vivekanand Colony)District-Chamoli	1.19	0.50	Operational	complying
8	Gopeshwar (DeenDayalUpadhyak)District-Chamoli	1.12	0.075	Operational	complying
9	Gopeshwar (Pokhari Band)District-Chamoli	1.25	0.50	Operational	complying
10	Nandprayag (Sangam Road)District-Chamoli	0.05	0.015	Operational	complying
11	Nandprayag (Forest office) District-Chamoli	0.10	0.09	Operational	complying
12	Karanprayag (Police chowki) District-Chamoli	0.05	0.05	Operational	complying
13	Karanprayag (Purana pull) District-Chamoli	0.10	0.01	Operational	complying
14	Karanprayag (Ward no. 1&3) District-Chamoli	0.10	0.035	Operational	complying
15	Karanprayag (Subhash Nagar) District-Chamoli	0.05	0.02	Operational	complying
16	Karanprayag (Naya Pull) District-Chamoli	0.05	0.02	Operational	complying
17	Rudraprayag (Near AnoopNegi School) Distt.Rudraprayag	0.075	0.075	Operational	complying
18	Rudraprayag (Near Rudra Complex)Distt-Rudraprayag	0.10	0.08	Non operational	Not in operation.
19	Rudraprayag (Near Bus Stand) District-Rudraprayag	0.075	0.075	Operational	complying
20	Rudraprayag (Near SBI Maszid)District-Rudraprayag	0.10	0.090	Operational	complying
21	Rudraprayag (Near Steel Bridge)District-Rudraprayag	0.125	0.125	Operational	complying
22	Rudraprayag (Belani) District-Rudraprayag	0.50	0.025	Operational	complying
23	Kirtinagar (BRO Bridge)District-TehriGarhwal	0.05	0.03	Operational	complying
24	Kirtinagar (Near Temple)District-TehriGarhwal	0.01	0.01	Operational	complying

25	Bhagirathipuram, TehriGarhwal	5.00	2.50	Non operational	Not in operation.
26	Chorpani Muni Ki RetiDistrict-TehriGarhwal	5.00	4.20	Operational	complying
27	ChandreshwarGhat, Dhalwala, District-TehriGarhwal	7.50	6.50	Operational	complying
28	Tapovan, Rishikesh, District-TehriGarhwal	3.50	1.10	Operational	complying
29	Shanti bazar, Devprayag,District-TehriGarhwal	0.075	0.04	Operational	complying
30	Sangambazar,DevprayagDistrict-TehriGarhwal	0.15	0.15	Operational	complying
31	Baah Bazar, DevprayagDistrict-TehriGarhwal	1.40	0.04	Operational	complying
32	Gyansu, UttarkashiDistrict-Uttarkashi	2.00	1.783	Operational	complying
33	Gangotri, UttarkashiDistrict-Uttarkashi	1.00	0.20	Operational	complying
34	Nursery Road, SrinagarDistrict-PauriGarhwal	3.50	1.50	Operational	complying
35	Srinagar (Near ITI)District-PauriGarhwal	1.00	0.50	Operational	complying
36	Swargashram, Rishikesh, District-PauriGarhwal	3.00	2.25	Operational	complying
37	Lakkarghat, RishikeshDistrict-Dehradun	26.00	12.50	Operational	complying
38	Jagjeetpur, HaridwarDistrict-Haridwar	27.00	27.00	Operational	complying
39	Jagjeetpur, HaridwarDistrict-Haridwar	18.00	18.00	Operational	complying
40	Jagjeetpur, HaridwarDistrict-Haridwar	68.00	45.00	Operational	complying
41	Sarai (I), HaridwarDistrict-Haridwar	18.00	18.00	Operational	complying
42	Sarai (II), HaridwarDistrict-Haridwar	14.00	13.00	Operational	complying
43	Saliyar, RoorkeeDistrict-Haridwar	33.00	20.00	Operational	complying
44	Motharawala-I, DehradunDistrict-Dehradun	20.00	13.52	Operational	complying
45	Motharawala-II, DehradunDistrict-Dehradun	20.00	11.00	Operational	complying
46	Kargi, DehradunDistrict-Dehradun	68.00	13.00	Operational	complying
47	Vijay Colony, DehradunDistrict-Dehradun	0.42	0.30	Operational	complying
48	Salawala, DehradunDistrict-Dehradun	0.72	0.35	Operational	complying
49	Indira Nagar, DehradunDistrict-Dehradun	5.00	5.00	Operational	complying
50	Jakhan, DehradunDistrict-Dehradun	1.00	0.35	Operational	complying
51	Bhattafall, MussoorieDistrict-Dehradun	3.12	1.00	Operational	complying
52	Happy Vally, MussoorieDistrict-Dehradun	1.20	0.20	Operational	complying
53	Landour,South, MussoorieDistrict-Dehradun	1.30	0.25	Operational	complying
54	Landour, North, Mussoorie District-Dehradun	0.80	0.30	Operational	complying
55	Kulri Bazaar, MussoorieDistrict-Dehradun	0.90	0.35	Operational	complying
56	Hari Nagar, NainitalDistrict-Nainital	0.45	0.25	Operational	complying
57	Krishna Nagar, NainitalDistrict-Nainital	0.80	0.45	Operational	complying
58	Bheemtal, NainitalDistrict-Nainital	1.25	1.00	Operational	Non-complying
59	Bakh,Almora District-Almora	2.00	1.65	Operational	Non-complying
60	Z-1 PithoragarthDistrict-Pithoragarh	5.00	1.00	Operational	Non-complying
61	Z-2PithoragarthDistrict-Pithoragarh	1.25	0.80	Operational	Non-Complying
	Total	**378.59**	**227.59**		

Details of under construction STPs in the State

No.	Location	Capacity of the plant in MLD	Physical progress in %	Status of I & D or House sewer connections	Completion Timeline
1	KolagarthDistrict-Dehradun	3.00	Under Tendering.	-	One year from October 2020
2	Marwari, Joshimath District-Chamoli	2.70	40 %	-	One year from October 2020
3	Junior,srikot, Shrinagar District-PouriGarhwal	0.075	70 %	-	One year from October 2020
4	Taulia,srikot District-PouriGarhwal	0.05	70 %	-	One year from October 2020
5	Ramnagar District-Nainital	7.00	70 %	-	One year from October 2020
6	Ramnagar District-Nainital	1.50	45 %	-	One year from October 2020
7	Haldwani (Indira Nagar) District-Nainital	28.00	10 %	--	One year from October 2020
8	Narayan Nagar, Nainital District-Nainital	0.450	80 %	-	One year from October 2020
9	Kashipur District-US Nagar	18.00	45 %	-	One year from October 2020

	Total	**60.77**			

Details of proposed STPs in the State

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/Under Trending/Work to be Awarded)	Likely Date of Completion
1	KashipurDistrict-US Nagar (Proposed under river Rejuvenation of Dhella.)	10.00	DPR prepared and send to NMCG for approval.	Two year from sanction of fund.
2	Mukhandpur, KashipurDistrict-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.310	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
3	Gularia, KashipurDistrict-US Nagar (Proposed under river Rejuvenation.)	0.14	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
4	Jaspur Kurd, Kashipur, District-US Nagar (Proposed under river Rejuvenation of Bhella.)	1.55	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
5	HempurIsmileKashipurDistrict-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.14	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
6	Beljuri, Kashipur, District-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.310	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
7	BazpurDistrict-US Nagar (Proposed under river Rejuvenation of River Pilakhal.)	8.50	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
8	RudrapurDistrict-US Nagar (Proposed under river Rejuvenation of Kalyani.)	26.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
9	RudrapurDistrict-US nagar (Proposed under river Rejuvenation of Kalyani.)	18.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
10	Kichha, RudrapurDistrict-US Nagar (Proposed under river Rejuvenation of Kichcha.)	2.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
11	Mussoorie, Distric-Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
12	Mussoorie, Distric-Dehradun.	1.10	DPR not submitted at govt level due to non availability of funds.	-
13	Mussoorie, Distric- Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
14	Mussoorie, Distric- Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
15	Mussoorie, Distric- Dehradun.	0.05	DPR not submitted at govt level due to non availability of funds.	-
16	Nainital, Distric-Nainital	18.00	DPR under UUSDIP.	-
17	RusiPond,District-Nainital	18.00	DPR under preparation.	-
	Total	**106.20**		

IV. Details of Industrial Pollution:

•	No. of industries in the State	8076
•	No. of water polluting industries in the State	830
•	Quantity of effluent generated from the industries in MLD	145 MLD
•	Quantity of Hazardous Sludge generated from the Industries in TDP	6407 MTPA
•	Number of industrial units having ETPs	830
•	Number of industrial units connected to CETP	890 (350 wet,540 dry units)
•	Number and total capacity of ETPs (details of existing/ under construction/proposed)	175 MLD.
•	Compliance status of the ETPs	06 units have issued show cause notice in year 2020-21 due to non compliance of environment norms and rest are complied.
•	Number and total capacity of CETPs (details of existing/under construction/proposed)	Existing-13.2 MLD, Under construction-Nil Proposed- 18 MLD
•	Status of compliance and operation of the CETPs	All 03 CETPs are complying to the environment norms.

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Haridwar	530	4.5 MLD	510 units are connected and rest 20 will be connected by January end 2021. 90% work has been completed.	One existing CETP with 5.2 MLD Capacity operational and compliance to the norms. Proposed –Nil. Under Construction-Nil.
Pantnagar(USNagar)	498	2.0 MLD	305 units are connected and rest 193 will be connected by January 2021. 75% work has been completed.	One existing CETP with 4.0 MLD Capacity operational compliance to the norms . Proposed at IIE Kashipur -1No(3MLD) Under Construction-Nil.
Sitarganj(US Nagar)	75	2.0 MLD	All 75 units are connected to CETP.	One existing CETP with 4.0 MLD Capacity operational and compliance to the norms. Proposed –2No(12 MLD & 3MLD in modules) Under Construction-Nil.

V. Solid Waste Management

•	Total number of Urban Local Bodies and their Population	91 Urban Local Bodies,Population- 3440814
•	Current Municipal Solid Waste Generation	1639.005 MTPD
•	Number, installed capacity and utilization of existing MSW processing facilities in TDP (bifurcated by type of processing eg.- Waste to Energy(Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.Existing Facilities	02 Number of CSWTF are installed and operational with 550 MTD capacity. Waste to Energy plant of 5 MW is proposed at Roorkee, 351586.25 MTPA waste is being compost by ULBs, Material Recovery Facilities (MRF) installed at – Dehradun(2 no.), Rishikesh (1 no.), Haridwar (1 no. proposed) Plastic Compactors of 34 NOs are Functional, 14 are in process of installation.
•	Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap>20%)	Two CSWTF are in operational at Haridwar and Dehradun with 100 % utilization.

•	No. and capacity of C&D waste processing plants in TDP (existing, proposed and under construction)	08 sites identified for C&D waste processing for 06 Model Towns.
•	Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source	Total Wards-1139, Door to door Collecton-1139, Source Segregation-772.
•	Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)	02 Functional Facilities are Covering 05 ULBs. 63 DPRS are proposed covering 86 ULBs. Out of which 24 Projects have been approved and Funds/ VGF & State share for construction of "Treatment and Disposal Facility" released.
•	No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills	02 Sanitary Landfill (Haridwar& Dehradun). Total 21.14 Lakh Cubic metre of legacy waste dumped in 36 Nos. of ULBs. 54 ULBs no legacy waste reported.
•	No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers	10 Nos ULBs (Uttarakashi,Naugaon,Rudraprayag,Ramnagar, Kashipur, Rudrapur,Shrinagar, Rishkesh,SwargashramJonk&Purola), reported the legacy waste, in this 1 Km of both side of river.
•	No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	There are total 181 small and big drains identified in Ganga Towns.Tapping/ jali on drains installed.All the drains has been tapped by Jal Nigam and regular cleaning is being done by concern ULBs.

Status of ULB wise Management of Solid Waste

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
DwarahatDistrict-Almora	1.5	0	Not Available	Nil	
AlmoraDistrict-Almora	10	5	Not Available	Nil	
RanikhetChiniyanaulDistt-Almora	1.53	0	Not Available	Nil	
BhikyasainDistrict Almora	2	0	Not Available	Nil	
BageshwarDistrict-Bageshwar	11	6	Not Available	Nil	
KapkotDistrict-Bageshwar	2	0	Not Available	Nil	
BadrinathpuriDistrict-Chamoli	0.8	0.4	Not Available	Nil	
JoshimathDistrict-Chamoli	8.4	8.4	Not Available	Nil	
ChamoliDistrict-Chamoli	7.5	1.7	Not Available	Nil	
NandprayagDistrict-Chamoli	0.6	0.6	Not Available	Nil	
GocharDistrict-Chamoli	5.1	1.64	Not Available	Nil	
KamprayagDistrict-Chamoli	8	7.13	Not Available	Nil	
GairsainDistrict-Chamoli	3	0	Not Available	Nil	
PokhariDistrict-Chamoli	0.36	0.15	Not Available	Nil	
PipalkotiDistrict-Chamoli	4	0.1	Not Available	Nil	
TharaliDistrict-Chamoli	0.35	0.1	Not Available	Nil	
Champawat District-Champawat	4	2	Not Available	Nil	
LohaghatDistrict-Champawat	3	2	Not Available	Nil	
TanakpurDistrict-Champawat	5.5	2.5	Not Available	Nil	
BanbasaDistrict-Champawat	3.5	1	Not Available	Nil	
VikasnagarDistrict-Deheadun	16	14	Not Available	Nil	
HerbertpurDistrict-Dehradun	4	2	Not Available	Nil	
MussoorieDistrict-Dehradun	18	15	Not Available	Nil	
DoiwalaDistrict-Dehradun	33	33	Not Available	Nil	
DehradunDistrict-Dehradun	280	280	Available	280	Complying.
RishikeshDistrict-Dehradun	60	42	Not Available	Nil	

PauriDistrict-Pauri	12	6	Not Available	Nil	
DogaddaDistrict-Pauri	1.08	0.55	Not Available	Nil	
KotdwarDistrict-Pauri	80	31	Not Available	Nil	
SwargashramJonkDistrict-Pauri	1.5	0.01	Not Available	Nil	
SatpuliDistrict-Pauri	1	0	Not Available	Nil	
SrinagarDistrict-Pauri	6	5	Not Available	Nil	
Jhabrera (Roorkee)Distt- Haridwar	10	0	Not Available	Nil	
Manglaur (Roorkee)District-Haridwar	16	7	Not Available	Nil	
HaridwarDistrict-Hardwar	255	89	Available	255	Complying.
Laksar (Roorkee)Distt-Haridwar	10	10	Not Available	Nil	
Shivalik NagarDistrict-Haridwar	14	6	Not Available	Nil	
Bhagwanpur (Roorkee)District-Haridwar	9	5	Not Available	Nil	
PIRAN KALIYARDistrict-Hardwar	6	6	Not Available	Nil	
RoorkeeDistrick-Hardwar	104	35	Not Available	Nil	
Landhaura (Roorkee)Distt-Hardwar	8	2.5	Not Available	Nil	
NainitalDistrict-Nainital	22	0.2	Not Available	Nil	
BhowaliDistrict-Nainital	3	3	Not Available	Nil	
Haldwani-KathgodamDistrict-Nainital	120	29	Not Available	Nil	
Ramnagar District-Nainital	24	3.22	Not Available	Nil	
KaladhungiDistrict-Nainital	3.69	0.015	Not Available	Nil	
LalkuanDistrict-Nainital	4.2	0	Not Available	Nil	
BhimtalDistrict-Nainital	2.5	0.05	Not Available	Nil	
DharchulaDistrict-Pithoragarh	4	4	Not Available	Nil	
PithoragarhDistrict-Pithoragarh	28	6	Not Available	Nil	
GangolihatDistrict-Pithoragarh	1.7	0	Not Available	Nil	
BerinagDistrict-Pithoragarh	4	1.8	Not Available	Nil	
DidihatDistrict-Pithoragarh	3.6	0.1	Not Available	Nil	
KedarnathDistrict-Rudraprayag	0.5	0.005	Not Available	Nil	
UkhimathDistrict-Rudraprayag	1.2	0.02	Not Available	Nil	
AugustmuniDistrict-Pithoragarh	2.9	2.154	Not Available	Nil	
TilwaraDistrict-Rudraprayag	0.98	0	Not Available	Nil	
RudraprayagDistt-Rudraprayag	4	1.26	Not Available	Nil	
KirtinagarDistrict-Tehri	1.3	1.2	Not Available	Nil	
DevprayagDistrict-Tehri	5	2	Not Available	Nil	
TehriDistrict-Tehri	9.6	5.7	Not Available	Nil	
ChambaDistrict-Tehri	4	4	Not Available	Nil	
Muni Ki RetiDistrict-Tehri	14.5	14.5	Not Available	Nil	
GhansaliDistrict-Tehri	2.6	0.4	Not Available	Nil	
LambgaonDistrict-Tehri	0.85	0.55	Not Available	Nil	
GajaDistrict-Tehri	1	0	Not Available	Nil	
ChamiyalaDistrict-Tehri	1	1	Not Available	Nil	
NarendranagarDistrict-Tehri	1.2	0.35	Not Available	Nil	
Kashipur District-U.S.Nagar	54	2.45	Not Available	Nil	
MahuaDabraHariuraDistrict-US Nagar	3	0	Not Available	Nil	
JaspurDistrict-US Nagar	25	20	Not Available	Nil	
Sultanpur PattiDistrict-US Nagar	2	1.316	Not Available	Nil	
BazpurDistrict-US Nagar	14	3.2	Not Available	Nil	
KelaKheraDistrict-US Nagar	6.5	3	Not Available	Nil	
RudrapurDistrict-US Nagar	60	33	Not Available	Nil	
KichhaDistrict-US Nagar	25	0	Not Available	Nil	
DineshpurDistrict-US Nagar	4	0.5	Not Available	Nil	
ShaktigarhDistrict-US Nagar	1.2	0.32	Not Available	Nil	
SitarganjDistrict-US Nagar	19	19	Not Available	Nil	
KhatimaDistrict-US Nagar	27.3	9.7	Not Available	Nil	
NanakbataDistrict-US Nagar	0.5	0.3	Not Available	Nil	
Gularbhoj(Dineshpur)District-US Nagar	5.6	5.6	Not Available	Nil	
MahuaKheraganjDistt-US Nagar	4.5	2	Not Available	Nil	

GadarpurDistrict-US Nagar	12.5	3	Not Available	Nil	
BarkotDistrict-Uttarkashi	3	0.5	Not Available	Nil	
UttarkashiDistrict-Uttarkashi	12	11	Not Available	Nil	
GangotriDistrict-Uttarkashi	1	0	Not Available	Nil	
PurolaDistrict-Uttarkashi	0.75	0.4	Not Available	Nil	
ChinyalisaurDistrict-Uttarkashi	2.5	2.5	Not Available	Nil	
NaugounDistrict-Uttarkashi	1.3	1.3	Not Available	Nil	
Total	**1582.69**	**827.39**			

Out of 91 ULBs in the State

1. Procurement of land completed for 65 ULBs (8 clusters covering 30 ULBs)
2. 4 ULBs land is being acquired on rental basis.
3. 12 ULBs (02 cluster covering 6 ULBs)Forest land identified and under procurement.
4. 8 ULBS have identified revenue land.
5. 1 ULB (Kotdwar) has identified land of SIDCUL.
6. 1 New ULBs (Chauctiya, Almora) is in the process identification of the land.

65+04+12+08+01+01=91

VI. Bio-medical Waste Management:

•	Total Bio-medical generation	3.81MTPD
•	No. of Hospitals and Health Care Facilities	3185
•	Status of Treatment Facilities/CBMWTF	Two CBMTF facilities are operational in the State with existing capacity 4.8 MTPD.

VII. Hazardous Waste Management:

•	Total Hazardous Waste generation	6407 MTPA
•	No. of Industries generation Hazardous waste	4016
•	Treatment Capacity of all TSDFs	Incineration-12000 MTPA and Land filling-8000 MT
•	Avg. Quantity of Hazardous waste reaching the TSDFs and Treated	4016 MTPA
•	Details of on-going or proposed TSDF	Expansion of existing facilities proposed.

VIII.Plastic Waste Management:

•	Total Plastic Waste generation	183000 MTPA(25000 MTPA by ULBs, 158000MTPA plastic waste is collected and recycled by 34 Recyclers)
•	Treatment/Measures adopted for reduction or management of plastic waste	34 Plastic compactors are installed and being operated by ULBs and 14 more compactor are in the process of installation.
IX.	Details of Alternate Treatment Technology being adopted by the State/UT	The treatment technologies i.e SBR,MBBER,SBT and Electro Coagulation are being used in the state for STPs . In additional of above, Bio remediation treatment technology have been adopted for treatment of drains till STPs are constructed and becomes functional.
X.	Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment	**Main Ganga Stream:**Total 135 drains identified the budget sanction for 131, 124 out of while drains have been tapped, remaining 07 drains (02 drains of Srikot-Gangnali,01drain Gopeshwar& 01 drain Rishikesh) to be tapped by December 2020 and 03 drains at Joshimathis to be tapped by March 21. In situ treatment (Bioremediation) of 03 drains (2 Srikot,1 Gopeshwar) are in progress of treatment 3 drain Joshimath and 1 drain Rishikesh has not been taken up due to BOD load is less than 30 mg/l. This is due to restriction movement of pilgrimage in Rishikesh&Joshimath. **Dehradun:**Total 170 nos small household drains has been sactioned under Namami GangePrograme. Work will be started from June 2020. **Ramnagar:** Total 06 nos drains has been sactioned under Namami Gange Programe and to be tapped by March 2021. **09 Polluted Stretches:** Total 45 drains identified and DPR for in-situ treatment for interception & construction of STP has already

		been sent to NMCG by SPMG letter no 495/spmg/namamigange/polluted river stretches dated 27.08.20 Rs 228.40 Crs for financial approval.
XI.	Details of Nodal Officer appointed by Chief Secretary in the State/UT	---
XII.	Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT	02 meeting conducted under chairmanship of Chief Secretary.
XIII.	Latest water quality of polluted river, its tributaries, drains with flow details and groundwater quality in the catchment of polluted rive	The analysis report of September 2020 is annexed at **Annexure-01**
XIV.	Groundwater regulation	Ground water quality monitoring is carried out on half yearly basis for 09 polluted river stretches. Next round of monitoring is in the month of February 2021.
XV.	Good irrigation practices being adopted by the State	Treated water of 27 & 68 MLD STPs at Jagjeetpur,Haridwar is already being reused for irrigation through Canal system constructed for this purpose.
XVI.	Rain Water Harvesting	----
XVII.	Demarcation of Floodplain and removal of illegal encroachments	**09 polluted stretches:** Out of 09 polluted river stretches,05 are non perennial, no flood zoning is required as per irrigation department, 01 Ganga river stretches Flood plain zoning is notified. Rest 03 river Kosi,Suswa & Kichha is proposed and completion within18 month from approval of funds.
XVIII.	Maintaining minimum e-flow of river	Govt of Uttarakhand has directed to all Hydro Electric Projects Developer in the State of Uttrakhand to release minimum E-Flow of 15 % of the average lean season. Government of Uttrakhand has also designated Uttarakhand Jal Vidhyut Nigam Ltd (UJVNL) as the monitoring agency for the compliance of minimum E-Flow in the state of Uttrakhand, apart from that Central Water Commission is the nodal agency to monitor the compliance of Ministry of Jal Shakti,Govt of India notification regarding minimum E-Flow notified on 10.10.2018.
XIX.	Plantation activities along the rivers	The Plantation Activities are being carried out in the larger catchment area of Ganges. In Financial Year 20-21 the 4151 ha of plantation activities have been completed under the various schemes of CAMPA till 20.10.20 and Kosi river rejuvenation 180000 plants were planted in 2018-19 and 45000 plants have been planted in 2019-20. Apart from the above, 09 polluted river catchment area treatment plan is proposed to be carried out by State Compensatory Afforestation Fund Management and Planning Authority (CAMPA) the DPR will be prepared in this financial year and implementation of work will be completed to next financial year.
XX.	Development of biodiversity park	-----
XXI.	Reuse of treated Water	Treated water of 27 & 68 MLD STPs at Jagjeetpur,Haridwar is already being reuse in irrigation through Canal system constructed for this purpose.
XXII.	Model River being adopted by the State & Action Proposed for achieving the bathing quality standards	NIL
XXIII.	Status of preparation of Action Plan by the 13 Coastal States	Not related to Uttrakhand State.
XXIV.	Regulation of Mining Activities in the State/UT	The State government has framed the State Mining Policy for mining activities. The State Government recovered Rs 39.42crs as a penalty from 3537 cases of illegal transportation/illegal mining/Storage from 2017 to May 2019.
XXV.	Action against identified polluters, Law violators and officers responsible for failure for vigorous monitoring	Uttrakhand Pollution Control Board has collected total 1.16 Crs from various defaulters /low violators as environment compensation from violators unit.

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The Surface Water Quality of 09 polluted river stretches for the month of October, 2020

S.No.	Name of Polluted River Stretches	Location	pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	EC (µS/cm)	TDS (mg/l)	TSS (mg/l)	Total Coliforms (MPN/100ml)	Faecal Coliform (MPN/100 ml)
1	Dhella	US	7.5	5	7.7	26	420	285	58	430	150
		DS	7.3	2.2	14	42	530	365	67	920	350
2	Bhella	US	7.1	4.6	7.2	22	260	166	8	350	84
		DS	6.5	1.8	16	56	400	270	47	540	170
3	Kichha	US	7.6	4	8	28	490	327	16	540	210
		DS	7.7	6.2	4.8	20	480	312	50	920	240
4	Suswa	US	7.9	3	28	112	1100	712	-	>=1600	>=1600
		DS	8.44	9	2.6	8	720	472	-	84	46
5	Kalyani	US	7.3	4.8	5.4	19	300	192	16	130	63
		DS	7.6	0.8	18	64	590	372	38	>1600	430
6	Kosi	US	7.1	5.8	6.2	18	370	237	32	430	240
		DS	7.3	5.2	7.6	26	340	231	45	>1600	920
7	Pilakhar	US	7.5	3.8	8.6	26	510	344	38	430	150
		DS	7.9	4.4	9.2	40	580	387	35	540	170
8	Nandhour	US	Dry								
		DS	7.5	5.4	4.8	16	390	250	20	540	280
9	Ganga	US	8.12	9.6	1	4	275	179	-	70	34
		DS	7.99	8.4	1	6	329	233	-	140	84